<xsd:element name="name uype="xsd:string" minOccurs="1" maxOccurs="1"/>
<xsd:element name="address" type="xsd:string" minOccurs="1" maxOccurs="1"/>
140 (Prior Art) 130 FIG. 1 <xsd:element name="name" type="xsd:string" minOccurs="1" maxOccurs="1"/> xsi:schemaLocation="http//www.myCompany.com/base.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" <xsd:attribute name="weight" type="xsd:integer" use="optional"/>
<xsd:attribute name="weight" type="xsd:integer" use="optional"/> 150 FIG. 2 (Prior Art) <xsd:attribute name="height" type="xsd:integer" use="optional" /> \_ <?xml version="1.0" encoding="UTF-8"?> <address>123 Main Street</address> <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <xsd:complexType name="personType" mixed="false"> 110 \_\_\_<xsd:element name="person" type="personType"/> height=72 weight=190> <name>John</name> <!-- The root element defines a person. 200 <?xml version="1.0" ?> </xsd:complexType> 210 </xsd:schema> </xsd:all> <xsd:all> 120

<xsd:attribute name="gender" type="xsd:string" use="optional" />\_ <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"> <xsd:extension base="personType">\_\_ <!-- This extension adds gender to a person. <xsd:redefine schemaLocation="base.xsd"> </xsd:complexContent> </xsd:extension> </xsd:complexType> <?xml version="1.0"?> ≺/xsd:redefine> </xsd:schema> 310 320

300

FIG. 3A (Prior Art)

 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"> (Prior Art) FIG. 3B 351 <xsd:extension base="personType">\_\_ \_<xsd:redefine schemaLocation="base.xsd"> <!-- This extension adds age to a person. </xsd:complexContent> <xsd:complexContent> </xsd:extension> <?xml version="1.0" ?> </xsd:complexType> </xsd:redefine> </xsd:schema> 330 350 <

```
d:exterision base= person yes = "xsd:attribute name="maritalStatus" type="xsd:string" use="optional" /> 383
                                                                                                                                                                                                                                                                   <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">
                                           (Prior Art)
FIG. 3C
                                                                                                                                                                                                                                                   <!-- This extension adds marital status to a person.
                                                                                                                                                                                                                                                                                                                                                 "<xsd:complexType name="personType">
381
                                                                                                                                                                                                                                                                                                                                                                                                               <xsd:extension base="personType">__
                                                                                                                                                                                                                                                                                                                      </pre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  </xsd:complexContent>
                                                                                                                                                                                                                                                                                                                                                                                          <xsd:complexContent>
                                                                                                                                                                                                                                                                                                                                                                                                                                                           </xsd:extension>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         </xsd:complexType>
                                                                                                                                  <?xml version="1.0" ?>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               </xsd:redefine>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      </xsd:schema>
                                                                                             360
                                                                                                                                                                                                                                                                                                                                                                                                                                  380
```

## FIG. 4A (Prior Art)

### FIG. 4B (Prior Art)

<?xml version="1.0" encoding="UTF-8"?>
<person
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"</pre>

<address>123 Main Street</address>

</perso

### FIG. 4C (Prior Art)

<address>123 Main Street</address>

Jerson>

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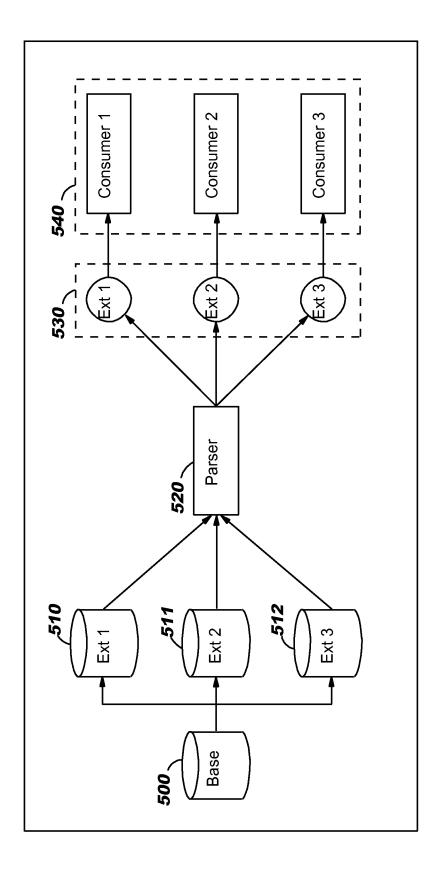


FIG. 5 (Prior Art)

```
<xsd:element name="address" type="xsd:string" minOccurs="1" maxOccurs="1" />
                                                                                                         <u>---</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <xsd:element name="name" type="xsd:string" minOccurs="1" maxOccurs="1" />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <xsd.attribute name="maritalStatus" type="xsd:string" use="optional" />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <xsd:attribute name="height" type="xsd:integer" use="optional" />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <xsd:attribute name="weight" type="xsd:integer" use="optional" />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <xsd:attribute name="gender" type="xsd:string" use="optional" />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <xsd.attribute name="age" type="xsd:integer" use="optional" />
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">
                                                                                                                                                                                                                                                                                                                                                                                                                                                       <xsd:complexType name="personType" mixed="false">
                                                                                                                                                                                                                                                                                                                                           <xsd:element name="person" type="person/Type"/>
                                                                                                                                                                     <!-- The root element defines a person.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 </xsd:complexType>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              </xsd:schema>
```

(Prior Art)

<?xml version="1.0" ?>

FIG. 6

# 

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